Govt ITI Bidkalkatte

WCS EL A

Q. ID: ITISKILL0668YE | December 2025

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Student Name	Vighnesh	Access Code	3929
Attempt No.	#1	Completion Time	11:26 AM
Rank	#14	Total Questions	10

4 SCORE	**10** MAX MARKS	**4** CORRECT	**6** INCORRECT

Answer Review

Q1 CORRECT What is the total resistance if three resistances of 3 ohms, 9 ohms and 5 ohms are connected in series?

A. 11 ohms

B. 7 ohm

C. 17 ohms

D. 1/17 ohms

Q2 CORRECT Which law states that at constant termperature the current passing through a closed circuit is directly proportional to the potential difference and inversely proportional to the resistance?

A. Ohm's law

B. Lenz's law

C. Newton's law

D. Hooke's law

Q3 INCORRECT What does EMF stands for?

A. Electronic Magnetic Force

B. Electro Motive Force

C. Electro Magnetic Force

D. Electromated Force

Q4 INCORRECT Which alloy used in electric lamp as filament?

A. Cobalt

B. Vanadium

C. Tungsten

D. Silicon

Q5 CORRECT What is the work done in unit time?

A. Energy

B. Power

C. Force

D. Acceleration

Q6 INCORRECT What is the capacity of a body to do work is called?

A. Energy

B. Power

C. Acceleration

D. Force

Q7 INCORRECT What is the ratio of power output to power input?

A. Work

B. Energy

C. Efficiency

D. Acceleration

Q8 CORRECT How many watts for 1 horse power in British system?

A. 726 watts

B. 736 watts

C. 746 watts

D. 756 watts

Q9 INCORRECT What is the work done, if a force of 250 newtons acted upon a body and the body has been moved through a distance of 15 metres?

A. 3720 Joules

B. 3730 Joules

C. 3740 Joules

D. 3750 Joules

Q10 INCORRECT What is the work done in joules if a load of 15.5 kg is lifted through a height of 4.4 metres?

A. 639 Joules

B. 649 Joules

C. 659 Joules

D. 669 Joules